

PATENT

Serial No. 09/973,311

Docket No: US 010479

Amendment in Reply to Office Action of February 14, 2006

IN THE CLAIMS

1.(Currently Amended) A method of providing access to a data set, comprising:

associating each subset of data comprising the data set to a select IP address of a plurality of IP addresses, at least two of the subsets comprising the data set having different select IP addresses of the plurality of IP addresses, and

providing access to each subset of the data set via a request for the subset at the select IP address associated with the subset, wherein a response to the request for each subset includes an indication of a next IP address for a next subset of the data set, except for the response for a final subset of the data set ~~current select IP address associated with a current subset of data is provided in response to a previous request for a previous subset of data.~~

2.(Original) The method of claim 1, further including:

communicating information to a client system that facilitates the determination of the select IP address for each subset.

3.(Original) The method of claim 2, wherein

the information is communicated to the client system via a secure communication.

4.(Original) The method of claim 2, wherein

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providing access to each subset occurs via a first communication channel, and
communicating the information to the client system occurs via a second communication
channel that differs from the first communication channel.

5.(Original) The method of claim 2, wherein
associating each subset to the select IP address is based on a pseudo-random process that is
initialized with a seed value, and
the information that is communicated to the client system includes the seed value.

6.(Original) The method of claim 2, wherein
the information that is communicated to the client system is encrypted using a public-key
system.

7.(Cancelled)

8.(Original) The method of claim 1, wherein
providing access to each subset via the request is dependent upon a time duration from a
prior request.

9.(Original) The method of claim 1, wherein

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providing access to each subset via the request is dependent upon a frequency of occurrence of repeated requests for prior subsets of the data set.

10.(Currently Amended) A method of accessing a data set, comprising:

selecting a first IP address that is associated with a first subset of the data set,

requesting the first subset at the first IP address,

selecting ~~a second~~ subsequent IP addresses that ~~[[is]]~~ are associated with ~~a second~~ subsequent subsets of the data set, at least one of the second subsequent IP addresses being different from the first IP address, and

requesting each of the second subsequent subsets at the ~~second~~ corresponding subsequent IP addresses, wherein each response to a request for a subsequent subset includes an indication of a next one of the subsequent IP addresses, except for the response to the request for a final one of the subsequent IP addresses ~~wherein an indication of said second IP address is provided in response to a request for said first subset of data.~~

11.(Original) The method of claim 10, further including

receiving information from a server system, and

wherein

selecting at least one of the first and second IP addresses is based on the information from the server system.

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12.(Original) The method of claim 11, wherein
the information from the server system facilitates a generation of the first IP address and the
second IP address.

13.(Original) The method of claim 12, wherein
the information from the server system includes an encrypted seed for a pseudo-random
process.

14.(Currently Amended) A server system comprising:
a plurality of IP addresses, and
a data set that includes a plurality of subsets,
each subset of the plurality of subsets being associated with an IP address of the plurality of
IP addresses, and
at least two of the subsets of the plurality of subsets having a different associated IP address
of the plurality of IP addresses;
wherein
access to each subset is provided in response to a request for the subset at the associated IP
address of the subset, a response to the request for each subset including an indication of a next IP
address for a next subset of the data set, except for the response for a final subset of the data set and

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~~an indication of a current IP address associated with a current subset of said data set is provided in response to a previous request for a previous subset of said data set.~~

15.(Original) The server system of claim 14, wherein
the server system is further configured to communicate information to a client system to facilitate access to the subsets of the data set in a specific order.

16.(Original) The server system of claim 15, wherein
the information is communicated to the client system via a secure communication.

17.(Original) The server system of claim 15, wherein
providing access to each subset occurs via a first communication channel, and
the server system communicates the information via a second communication channel that differs from the first communication channel.

18.(Original) The server system of claim 15, wherein
the server system is configured to:
associate each subset to its associated IP address based on a pseudo-random process that is initialized with a seed value, and
communicate the seed value to the client system.

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19.(Original) The server system of claim 15, wherein
the server system is configured to communicate the information to the client system in an encrypted form.

20.(Original) The server system of claim 14, wherein
the server system is further configured to provide access to each subset via the request in dependence upon a time duration from a prior request.

21.(Original) The server system of claim 14, wherein
the server system is further configured to provide access to each subset via the request in dependence upon a frequency of occurrence of repeated requests for prior subsets of the data set.

22.(Currently Amended) A client system, comprising
an IP selector that is configured to:
select a first IP address that is associated with a first subset of a data set,
request the first subset from a server system at the first IP address,
select subsequent ~~a-second~~ IP addresses that ~~[[is]]~~ are associated with ~~a-second~~ subsequent
subsets of the data set, and
request the ~~second~~ subsequent subsets from the server system at the ~~second~~ subsequent IP

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addresses, wherein each response to a request for a subsequent subset includes an indication of a next one of the subsequent IP addresses, except for the response to the request for a final one of the subsequent IP addresses ~~said second IP address is provided in response to a request for said first subset of the data set.~~

23.(Original) The client system of claim 22, wherein
the client system is configured to receive information from the server system related to selecting the first IP address and the second IP address.

24.(Original) The client system of claim 23, wherein
the information from the server system facilitates a generation of the first IP address and the second IP address.

25.(Original) The client system of claim 24, wherein
the information from the server system includes an encrypted seed for a pseudo-random process.

26.(Currently Amended) The method of claim 1, wherein said indication includes an index to said ~~current~~ next IP address.

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27.(Cancelled)

28.(Cancelled)